

I Claim

1. An assembly for mounting in a side wall opening of a catch basin side wall and convertible into a trap for reducing the amount of matter being carried out of the catch basin by drainage water exiting the catch basin, said assembly being sealingly attachable across said side wall opening and comprising:
 - a first trap member having a first wall and an outlet opening formed in said first wall, said first trap member being sealingly attachable to an outlet pipe with said outlet opening in communication with the interior of the pipe;
 - a second trap member releasably and sealingly engageable with said first trap member and having a second wall spaced from said first wall when so attached; and
 - a filter assembly releasably attachable to one of said first and second trap members, said filter assembly having a filter member made to capture matter entrained in drainage water;wherein, when the assembly is assembled, mounted in said side wall opening, and converted into a trap by providing said inlet opening in said second wall at a position below said outlet opening, there is defined a water flow path extending from the catch basin interior, through said inlet opening and then through said outlet opening, and said filter member is positioned across said water flow path to capture matter entrained in drainage water flowing along said path.
2. An assembly according to claim 1 in which said second wall is provided with cutting guides for use in cutting said inlet opening.
3. An assembly according to claim 1 converted into a trap, the assembly having an inlet opening provided in said second wall for communicating with the interior of the catch basin and sized, shaped and configured to restrict water flow through the assembly to promote settlement of matter in the catch basin.
4. An assembly according to claim 1 wherein said filter assembly is releasably attachable to said first trap member.
5. An assembly according to claim 3 in which said filter member is disposed downstream of said outlet opening when the assembly is mounted in said side wall

opening.

6. An assembly according to claim 3 in which said inlet opening is circular and has a diameter up to one half of the diameter of an outlet pipe to be attached to the assembly.
7. An assembly according to claim 1 in which said first and second walls are circular and said assembly is dimensioned to be sealingly attachable across a circular side wall opening in a catch basin side wall.
8. An assembly according to claim 7 comprising first and second cylindrical connecting walls rigidly coupled to and extending away from inner sides of the first and second walls, respectively, said first and second connecting walls being mutually releasably engageable with each other.
9. An assembly according to claim 8 in which one of said connecting walls is dimensioned to fit inside the other of said connecting walls and has a plurality of pins angularly spaced and extending radially outwardly from an outer surface thereof, and the other of said connecting walls has an equal number of similarly angularly-spaced curved slots formed in a free end thereof for receiving said pins in a bayonet fit.
10. An assembly according to claim 8 in which the second connecting wall is sized and positioned to extend from the perimeter of the second wall.
11. An assembly according to claim 8 in which the first connecting wall is sized and positioned to be radially-inwardly spaced from the perimeter of the first wall thereby defining a radially-extending annular flange portion of said first wall for engaging an outer surface of a catch basin side wall about an opening in the side wall.
12. An assembly according to claim 9 wherein said second connecting wall is dimensioned to fit inside said first connecting wall and has said pins, the first connecting wall having said slots, said first trap member has a cylindrical sealing wall rigidly coupled to and extending away from the inner surface of the first wall,

said sealing wall being positioned radially inwardly from said first connecting wall so as to define an annular groove between said sealing wall and said first connecting wall, the annular groove being dimensioned to receive an annular sealing member and a free end of said second connecting wall to form a seal between said first and second trap members when said first and second trap members are assembled together.

13. An assembly according to claim 12 wherein said first connecting wall has first and second cylindrical portions connected co-axially in series, said first cylindrical portion being connected to said first wall, said second cylindrical portion having an outer diameter smaller than the outer diameter of the first cylindrical portion so as to define a first annular abutment wall at the junction of the first and second cylindrical portions, whereby an annular sealing member may be mounted over the second cylindrical portion in abutment with said first annular abutment wall to provide a seal between the first trap member and the side wall opening.
14. An assembly according to claim 1 comprising a cylindrical pipe connector rigidly coupled to and extending away from an outer surface of the first wall for slidably receiving an end of the outlet pipe therearound.
15. An assembly according to claim 14 in which said pipe connector has coaxial first and second cylindrical connector portions connected in series, said second connector portion being connected to said first wall, said first connector portion having an outer diameter smaller than the outer diameter of the second connector portion so as to define a second annular abutment wall at the junction of the first and second connector portions, whereby an annular sealing member may be fit around the first connector portion in abutment with said second annular abutment wall to provide a seal between the pipe connector and an outlet pipe to be slidably mounted over the pipe connector.
16. An assembly according to claim 1 in which said second wall is indented on an outer surface thereof to provide a pair of handles, each handle having a pair of opposed bearing surfaces extending generally transversely relative to said second wall, said handles permitting a user to assemble or disassemble the first and second trap

members from outside the catch basin using a suitable implement.

17. An assembly according to claim 4 in which said filter assembly includes a mounting member to which said filter member is attached, said mounting member having a first portion sized and shaped to be insertable in said outlet opening and a second portion extending radially-outwardly relative to said first portion and engageable with an inner side of the first wall when the first portion is inserted in the outlet opening.
18. An assembly according to claim 17 in which said filter member is in the form of a bag having an open end and a closed end opposed to said open end, said open end being attached to said mounting member.
19. An assembly according to claim 17 in which said mounting member comprises at least one filter handle having opposite ends connected to said second portion of the mounting member to define an opening between the filter handle and the second portion, said filter handle permitting a user to mount or remove the filter assembly to or from the first trap member from outside the catch basin using a suitable implement.
20. An assembly according to claim 18 wherein said mounting member comprises two of said handles connected to said second portion in spaced relationship.
21. A method of capturing matter entrained in drainage water exiting a catch basin through a side wall opening in the catch basin comprising coupling a filter member releasably to the side wall opening of the catch basin side wall downstream of the side wall opening, the filter member being made to remove matter from drainage water flowing through the filter member.